

Note to readers with disabilities: *EHP* strives to ensure that all journal content is accessible to all readers. However, some figures and Supplemental Material published in *EHP* articles may not conform to [508 standards](#) due to the complexity of the information being presented. If you need assistance accessing journal content, please contact ehp508@niehs.nih.gov. Our staff will work with you to assess and meet your accessibility needs within 3 working days.

Supplemental Material

Perinatal Exposure to Traffic-Related Air Pollution and Autism Spectrum Disorders

Tong Gong, Christina Dalman, Susanne Wicks, Henrik Dal, Cecilia Magnusson, Cecilia Lundholm, Catarina Almqvist, and Göran Pershagen

Table of contents

Figure S1. Directed acyclic graph to determine potential confounders of the investigated associations.....	3
Figure S2. Odds ratios and 95% confidence intervals for ASD with ID by residential address-based NO _x (per 10 µg/m ³ increase) and PM ₁₀ (per 20 µg/m ³ increase) levels during mother's pregnancy and child's first year of life.	5
Figure S3. Odds ratios and 95% confidence intervals for ASD without ID by residential address-based NO _x (per 10 µg/m ³ increase) and PM ₁₀ (per 20 µg/m ³ increase) levels during mother's pregnancy and child's first year of life.....	7
Table S1. All relevant diagnostic codes used in this project from the International Classification of Diseases (ICD) and the Diagnostic and Statistical Manual of Mental Disorders (DSM).	9
Table S2. The municipality division of Stockholm County.....	10
Table S3. Descriptive statistics and correlation between pollutants	11
Table S4. Risk of ASD (overall, with and without ID) based on continuous pollutants' levels during different time windows	12
Table S5. Parental SES characteristics and psychiatric diagnoses among movers and non-movers	14
Table S6. Sensitivity analysis: Risk of ASD (overall, with and without ID) based on continuous pollutants' levels during different time windows including multiple births	15

Table S7. Sensitivity analyses: Association between pollutants' levels during mother's pregnancy and child's first year of life and risk of childhood ASD overall by excluding children with certain conditions related to ASD.	17
Table S8. Risk of ASD (overall, with and without ID) based on continuous pollutants' levels during different time windows without conditioning on municipality of birth.....	21